

Table 1

	Weight per length in axial direction of stent (µg/mm)	Molar ratio of lactic acid/glycolic acid	Weight-average molecular weight	Vascular occlusion rate one month after (%)
Example 1	3	85/15	90,000-126,000	48.1
Example 2	7	85/15	90,000-126,000	42.2
Example 3	65	85/15	90,000-126,000	40.7
Example 4	80	85/15	90,000-126,000	45.6
Example 5	3.5	85/15	90,000-126,000	45.7
Example 6	10.0	85/15	90,000-126,000	44.3
Example 7	32.5	85/15	90,000-126,000	41.5
Example 8	40.0	85/15	90,000-126,000	46.2
Example 9	7	50/50	5,000	49.8
Example 10	7	50/50	12,000-16,500	44.4
Example 11	7	50/50	16,500-22,000	41.7
Example 12	7	50/50	40,000-75,000	44.6
Example 13	7	75/25	90,000-126,000	38.9
Example 14	7	65/35	40,000-75,000	49.3
Example 33	1	85/15	90,000-126,000	63.1
Example 34	100	85/15	90,000-126,000	58.4
Comp. Example 1	-	-	-	66.8
Comp. Example 1	7	100/0	1,600-2,400	57.2
Comp. Example 1	7	100/0	325,000-460,000	59.0

Table 2

	Weight of lactic acid-glycolic copolymer (μg/mm)	Weight ratio of lactic acid-glycolic acid copolymer/ immunosuppressive agent		Weight of lactic acid-glycolic acid copolymer (μg)	Weight of immuno-suppressive agent (μg)	Total coating weight per unit length of stent (μg/mm)	Vascular occlusion rate (%)
		Lactic acid-glycolic acid copolymer (wt%)	Immuno-suppressive agent (wt%)				
Example 15	1.5	50	50	20	20	3	40.2
Example 16	3.5	50	50	46	46	7	30.5
Example 17	10.0	50	50	130	130	20	20.7
Example 18	32.5	50	50	423	423	65	29.0
Example 19	40.0	50	50	520	520	80	35.9
Example 35	40.0	100	0	520	0	40.0	46.2
Comp. Example 1	-	-	-	-	-	-	66.8

Immunosuppressive agent: tacrolimus (Examples 15 to 19), no (Comparative Example 1 and Example 35)

Lactic acid-glycolic acid copolymer:

composition ratio: lactic acid/glycolic acid =85/15, weight-average molecular weight: 90,000 to 126,000

Table 3

	Lactic acid-glycolic acid copolymer composition			Vascular occlusion rate (%)
	Lactic acid (mol%)	Glycolic acid (mol%)	Weight-average molecular weight	
Example 17	85	15	90,000-126,000	20.7
Example 20	50	50	5,000	38.9
Example 21	50	50	12,000-16,500	36.6
Example 22	50	50	16,500-22,000	34.2
Example 23	50	50	40,000-75,000	25.2
Example 24	65	35	40,000-75,000	23.1
Example 25	75	25	90,000-126,000	28.7
Comp. Example 4	100	0	1,600-2,400	63.2
Comp. Example 5	100	0	325,000-460,000	59.1

Immunosuppressive agent: tacrolimus

Weight of lactic acid-glycolic acid copolymer per unit length of stent: 10 µg/mm

Weight of lactic acid-glycolic acid copolymer per stent: 130 µg

Weight of immunosuppressive agent per stent: 130 µg

Lactic acid-glycolic acid copolymer/immunosuppressive agent = 50/50

Total coating weight per unit length of stent: 20 µg/mm

Table 4

	Weight ratio of lactic acid-glycolic acid copolymer/ immunosuppressive agent		Weight of immuno-suppressive agent (µg)	Total coating weight per unit length of stent (µg/mm)	Vascular occlusion rate (%)
	Lactic acid-glycolic acid copolymer (wt%)	Immuno-suppressive agent (wt%)			
Example 17	50	50	130	20	20.7
Example 26	30	70	56	14	25.5
Example 27	40	60	87	17	19.7
Example 28	70	30	303	33	18.5
Example 29	80	20	520	50	30.1
Example 7	100	0	0	32.5	41.5

Immunosuppressive agent: tacrolimus

Weight of lactic acid-glycolic acid copolymer per unit length of stent: 10 µg/mm

Lactic acid-glycolic acid copolymer composition: lactic acid/glycolic acid = 85/15

Weight-average molecular weight of lactic acid-glycolic acid copolymer: 90,000 to 126,000

Weight of lactic acid-glycolic acid copolymer per stent: 130 µg/mm

Table 5

	Type of immuno-suppressive agent	Weight of immuno-suppressive agent per stent (μg)	Total coating weight per unit length of stent ($\mu\text{g}/\text{mm}$)	Vascular occlusion rate (%)
Example 17	Tacrolimus	130	20	30.7
Example 30	Sirolimus	130	20	35.1
Example 31	Cyclosporine	130	20	33.2
Example 32	Tacrolimus	130	27	23.3
Example 7	-	0	32.5	41.5

Example 32: A layer containing only the lactic acid-glycolic acid copolymer was applied to the outer surface of the stent of Example 17 (7 $\mu\text{g}/\text{mm}$).

Weight of lactic acid-glycolic acid copolymer per unit length of stent: 10 $\mu\text{g}/\text{mm}$

Weight of lactic acid-glycolic acid copolymer per stent: 130 μg

Lactic acid-glycolic acid copolymer composition: lactic acid/glycolic acid = 85/15

Weight-average molecular weight of lactic acid-glycolic acid copolymer: 90,000 to 126,000

Weight ratio of lactic acid-glycolic acid copolymer/immunosuppressive agent = 50/50

1/2

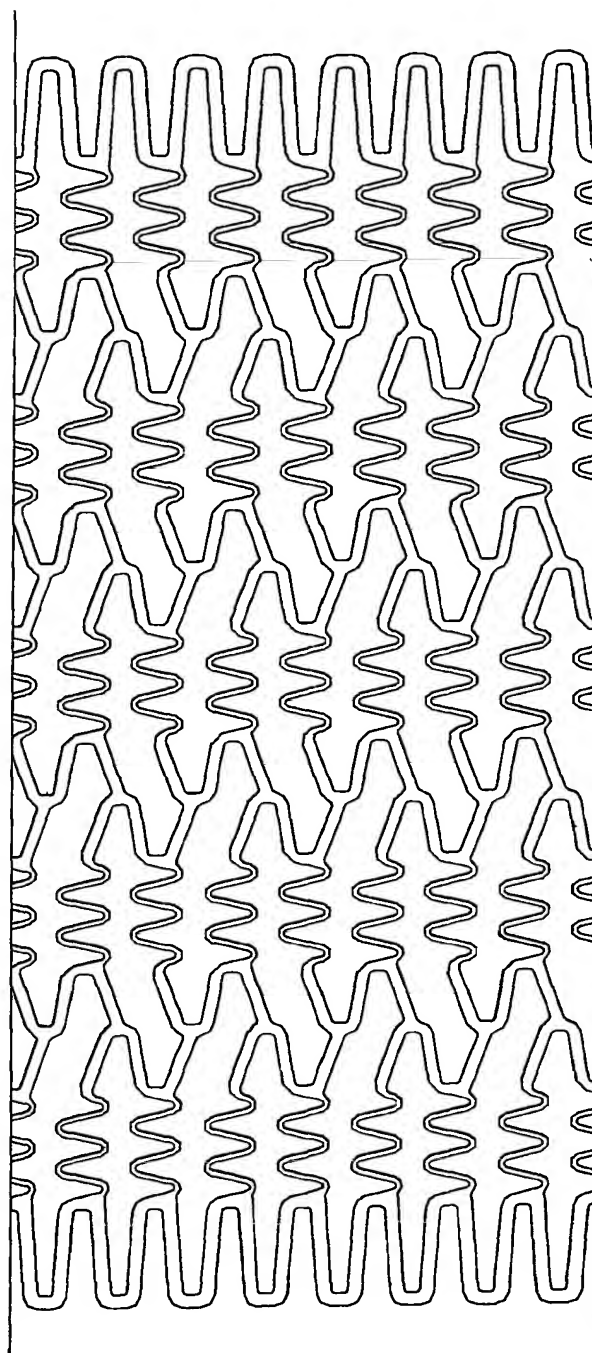


FIG. 1

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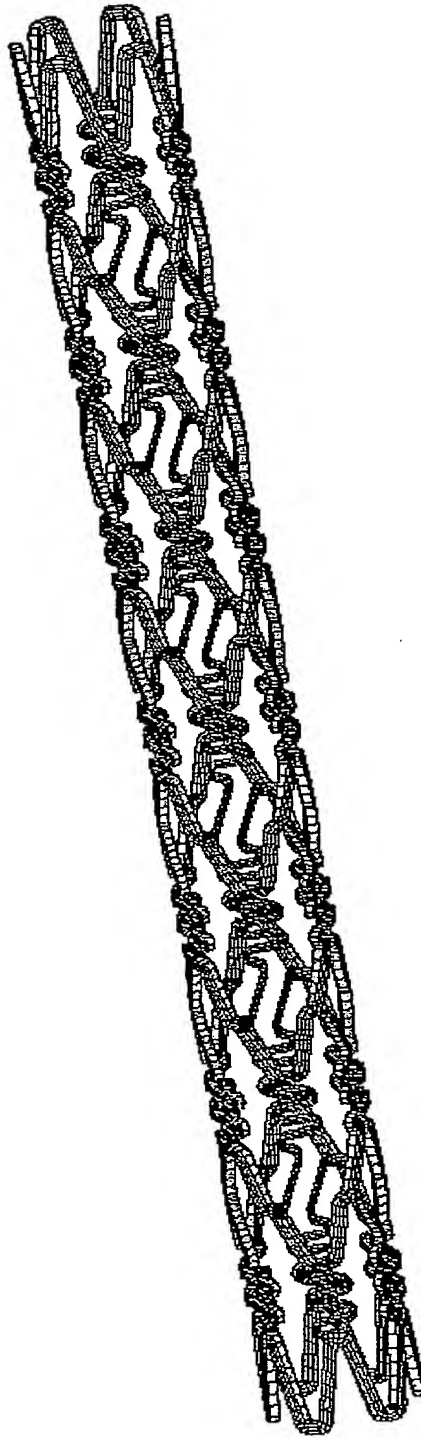


FIG. 2